

1103326-0560

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED OFFICE (DO/US)

PCT/SE99/00582 09 April 1999 14 April 1998
International Application Number International Filing Date Priority Date(s) Claimed

VACCINE DELIVERY SYSTEM AND METHOD OF PRODUCTION
Title of Invention

CARLSSON, Hans; LARSSON, Anette; and SÖDERLIND, Erik

Applicant(s) for DO/US

"Express Mail" Label No. EE040967066US
Date of Deposit May 19, 1999.
I hereby certify that this paper is being deposited with
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[Signature]
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BOX PCT
Assistant Commissioner for Patents
Washington, D.C. 20231

To the United States Designated Office (DO/US):

- I. Accompanying this transmittal letter are certain items which are required under 35 U.S.C. 371 in order that United States National processing of the above identified International application may commence:
- (X) at the expiration of the applicable time limit under PCT Articles 22 and 39(1) according to the provisions of 35 U.S.C. 371(b).
- () as soon as possible upon receipt of this express request under 35 U.S.C. 371(f).

1. The U.S. National fee [35 U.S.C. 371(c)(1)]

a. () was previously transmitted by applicant on (date)_____.

b. () is submitted herewith as follows:

<u>FOR</u>	<u>NO. FILED</u>	<u>NO. EXTRA</u>	<u>SMALL ENTITY</u>			<u>OTHER THAN</u>	
			<u>RATE</u>	<u>FEE</u>	<u>or</u>	<u>RATE</u>	<u>FEE</u>
Basic Fee	(USPTO NOT ISA OR IPEA)		////	\$485	<u>or</u>	////	\$970
Total Claims	- 20 =	--	x 9 =		<u>or</u>	x18 =	
Ind. Claims	2- 3	--	x39 =		<u>or</u>	x78 =	
(X) Multiple Dependent Claim Presented			+130 =		<u>or</u>	+260 =	260
<u>TOTAL</u>							
<u>NATIONAL FEE</u>				\$_____	<u>or</u>		\$1230

i. () A check in the amount of \$_____ is enclosed.

ii. (X) Please charge the filing fee, multiple dependent claim fee (if applicable), excess independent claims fee (if applicable), and excess total claims fee (if applicable) to **Deposit Account No. 23-1703**.

iii. (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-1703. A duplicate copy of this sheet is enclosed.

(iv) () The filing fee is not enclosed.

2. A copy of the International application as filed [35 U.S.C. 371(c)(2)]:

a. (X) is transmitted herewith.

b. () is not required as the application was filed with the United States Receiving Office.

c. () has been transmitted

- i. ☐ by the International Bureau. Date of mailing of the application (from form PCT/IB/308): _____ A copy of form PCT/IB/308 is enclosed.
- ii. ☐ by applicant on (date) _____.
3. A translation of the International application into the English language [35 U.S.C. 371(c)(2)]:
- a. ☐ is transmitted herewith.
- b. ☒ is not required as the application was filed in English.
- c. ☐ was previously transmitted by applicant on (date) _____.
4. Amendments to the claims of the International application under PCT Article 19 [35 U.S.C. 371(c)(3)]:
- a. ☐ are transmitted herewith.
- b. ☐ have been transmitted
- i. ☐ by the International Bureau. Date of mailing of the amendments (from form PCT/IB/308): _____.
- ii. ☐ by applicant on (date) _____.
- c. ☒ have not been transmitted as
- i. ☐ no notification has been received that the International Searching Authority has received the Search Copy.
- ii. ☐ the Search Copy was received by the International Searching Authority but the Search Report has not yet issued. Date of receipt of Search Copy (from form PCT/ISA/202): _____.
- iii. ☐ applicant chose not to make amendments under PCT Article 19. Date of mailing of Search Report (from form PCT/ISA/210): _____.
- iv. ☒ the time limit for the submission of amendments has not yet expired. The amendments or a statement that amendments have not been made will be transmitted before the expiration of the time limit under PCT Rule 46.1.

5. A Translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)]:
- a. ☐ is transmitted herewith.
 - b. ☐ is not required as the amendments were made in the English language.
 - c. ☒ has not been transmitted for reasons indicated at point I.4.b. or c. above.
6. A declaration for patent application of the inventor [35 U.S.C. 371(c)(4)] complying with 35 U.S.C. 115:
- a. ☐ was previously submitted by applicant on (date) _____
 - b. ☒ is submitted herewith;
and such oath or declaration
 - i. ☒ is attached to the application.
 - ii. ☒ identifies the application and any amendments under PCT Article 19 which were transmitted as stated in points 1.2.b. or c. and 1.4. and states that they were reviewed by the inventor as required by 37 CFR 1.70.
 - c. ☐ will be submitted subsequently.

II. Concerning other documents:

1. An International Search Report or Declaration under PCT Article 17(2)(a):
- a. ☐ has been transmitted by the International Bureau. Date of mailing (from form PCT/IB/308): _____ A copy of form PCT/IB/308 is enclosed
 - b. ☐ is not required as the application was searched by the United States International Searching Authority.
 - c. ☐ A copy of the International Search Report is transmitted herewith.
 - d. ☐ has been submitted by applicant on (date) _____

2. A Statement of prior art under 37 CFR 1.97 and 1.98:

- a. ☒ (X) is transmitted herewith including copies of the references cited on the attached form PTO-1449. Also included is a copy of the International-Type Search Report issued in the Swedish priority document.
- b. ☐ () will be transmitted within THREE MONTHS of the date of submission of requirements under 35 U.S.C. 371(c).
- c. ☐ () was previously submitted by applicant on _____, in application serial no. _____.

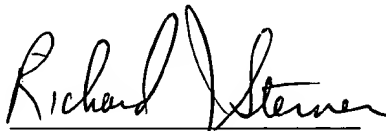
3. ☒ (X) An Assignment is transmitted herewith for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

- a. ☒ (X) Please charge the \$40 assignment recordation fee to Deposit Account No. 23-1703.
- b. ☐ () A check in the amount of \$___ is enclosed.

4. **Other document(s) or information included:**

- Copy of the PCT/RO/101 - The PCT Request Form;
- Six (6) sheets of formal drawings; and
- Information Disclosure Statement, PTO-1449, copies of the references cited on the PTO-1449, and a copy of the International-Type Search Report (PCT/ISA/201/SE).

Respectfully submitted,


Richard J. Sterner
Reg. No. 35,372

May 19, 1999
DATE

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enclosures